GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:537
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TECHNOLOGY TRANSFER AGREEMENTS
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government has signed Technology Transfer Agreements with other countries in the field of science and technology during the last one year;

(b) if so, the details alongwith salient features thereof; and

(c) the benefits likely to accrue as a result thereof ?

Answer

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES (KAPIL SIBAL)

(a) During the last one year the following Agreements on Technology Transfer have been concluded:

1. Central Electronics Limited (CEL) with Governments of Sudan and Mali for Manufacture of Solar Photo Voltaic Modules and Systems in Sudan and Mali.

2. National Research Development Corporation (NRDC) with Kuwait on Bio conversion of coir dust into an organic manure named as Pithplus

3. National Research Development Corporation (NRDC) with UAE for constructing a ready to use lawn by using coir pith.

(b) Details of the Technology are:

1.Establishment of a PV Module Manufacturing plant with a capacity of 1MW per year on single shift basis. Technology for system integration and installation and commissioning of various solar systems.

2."Pithplus" is an organic manure, good for agriculture and horticulture; it is produced from coir pith and is found to be an excellent soil conditioner and suitable for the purpose of land recondition. This would result in converting unfertile land into that which could be used for horticulture and agriculture.The manure thus produced could also be a very good substitute for various peat products since it has also high water holding capacity and ability to last long in soil.

3."Cocolawn" is developed by using coir pith, etc.It is a natural eco friendly lawn and a better substitute of synthetic lawn presently made. Readymade lawn can be made in the form of rollable blankets, which can be laid on any surface. It has vast potential in tourist resort, hotels and playgrounds and even roof top plantation/lawn etc.

(c) The indirect benefits accrued are − projecting India as a source of technology; earn foreign exchange for the country; creating niche market in foreign countries for Indian technologies; to promote Indian technologies/services abroad; to assist Indian Industry/ consultancy organizations/research labs in availing business opportunities for technology exports/project exports through effective information and connection and retrieval and to develop human resources in the area of exports of technology and technical services. Direct benefit accrues from Technology Transfer fees

1. For Photovoltaic system is USD 614,000

2. For PITHPLUS USD 40,000

3. For COCOLAWN USD 22,000